

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 03/07091

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C07C17/00 G03F7/20 G03F1/14 G02B1/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07C G03F C08F G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 02 092670 A (FRENCH ROGER HARQUAIL ;DU PONT (US); WHELAND ROBERT CLAYTON (US)) 21 November 2002 (2002-11-21) the whole document ---	1-11, 15-27, 32-37
P,X	EP 1 256 591 A (AUSIMONT SPA) 13 November 2002 (2002-11-13) paragraphs '0016!', '0033!', '0034!'; claims 6,7A,9 ---	1-5, 7-11,13
A	US 5 916 708 A (WINTER MARTIN ET AL) 29 June 1999 (1999-06-29) column 8, line 40 - line 47 --- -/--	1-37



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

7 November 2003

Date of mailing of the international search report

14/11/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SWITKES M ET AL: "RESOLUTION ENHANCEMENT OF 157 NM LITHOGRAPHY BY LIQUID IMMERSION" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 4691, 5 March 2002 (2002-03-05), pages 459-465, XP009014679 ISSN: 0277-786X the whole document</p>	1-37

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/US 03/07091

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02092670	A	21-11-2002	WO 02092670 A2	21-11-2002
EP 1256591	A	13-11-2002	IT MI20010921 A1	07-11-2002
			EP 1256591 A1	13-11-2002
			EP 1256592 A1	13-11-2002
			JP 2002348315 A	04-12-2002
			JP 2003040938 A	13-02-2003
			US 2002183459 A1	05-12-2002
			US 2002177667 A1	28-11-2002
US 5916708	A	29-06-1999	DE 19619233 A1	20-11-1997
			EP 0807986 A1	19-11-1997
			JP 10050343 A	20-02-1998